

**Resource Setting:** Orchard, vineyard or ornamental nursery adjacent to surface water. Irrigated.

**RMS Alternative #1**

Contour Orchard and  
Other Fruit (331)  
Grade Stabilization  
Structure (410)  
Grassed Waterway (412)  
Irrigation Water  
Management (449)  
Nutrient Management  
(590)  
Pest Management (595)

**RMS Alternative #2**

Critical Area Planting  
(342)  
Diversion (362)  
Heavy Use Area  
Protection (561)  
Irrigation Water  
Management (449)  
Mulching (484)  
Nutrient Management  
(590)  
Pest Management (595)

**RMS Alternative #3**

| Typical Resource Concerns                         | Practices that can effectively treat the resource concern*  |
|---|---|
| <b>SOIL Erosion</b>                               |   |
| 1) Sheet & rill erosion                           | Conservation Cover (327)<br>Contour Buffer Strips (332)<br>Contour Orchard and Other Fruit (331)<br>Cover Crop (340)<br>Critical Area Planting (342)<br>Heavy Use Area Protection (561)<br>Irrigation Water Management (449)<br>Mulching (484)<br>Pasture and Hayland Planting (512)<br>Terrace (600) |
| 2) Ephemeral gully/concentrated flow erosion      | Critical Area Planting (342)<br>Diversion (362)<br>Field Border (386)<br>Heavy Use Area Protection (561)<br>Grassed Waterway (412)<br>Pasture and Hayland Planting (512)<br>Water and Sediment Control Basin (638)  |
| 3) Classic gully/concentrated flow erosion        | Diversion (362)<br>Grade Stabilization Structure (410)<br>Lined Waterway or Outlet (468)<br>Water and Sediment Control Basin (638)  |
| <b>WATER Quality – ground water</b>               |   |
| 1) Pesticides                                     | Irrigation Water Management (449)<br>Pest Management (595)<br>Well Decommissioning (351)  |
| 2) Nutrients                                      | Cover Crop (340)<br>Irrigation Water Management (449)<br>Nutrient Management (590)<br>Well Decommissioning (351)  |
| <b>WATER Quality – surface water – no concern</b> |   |

\* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.

| Typical Resource Concerns             | Practices that can effectively treat the resource concern *  |
|---------------------------------------|--|
| <b>WATER Quantity</b>                 |  |
| 1) Irrigation Water Source            | Irrigation Water Management (449)  |
| <b>AIR</b>                            |  |
| 1) Airborne Chemical Drift            | Pest Management (595)  |
| <b>PLANTS</b>                         |  |
| 1) Invasive species and noxious weeds | Conservation Cover (327)<br>Pest Management (595)<br>Wetland Wildlife Habitat Management (644)   |
| 2) Threatened and endangered species  | Pest Management (595)<br>Upland Wildlife Habitat Management (645)<br>Wetland Enhancement (659)<br>Wetland Wildlife Habitat Management(644) |
| <b>ANIMAL Habitat – no concern</b>    |  |
| <b>ANIMAL Management</b>              |  |
| 1) Threatened and endangered species  | Pest Management (595)<br>Upland Wildlife Habitat Management (645)<br>Wetland Enhancement (659)<br>Wetland Wildlife Habitat Management(644) |

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